

COURSE:	3.06 NPDES STORM WATER FOR RESIDENT ENGINEERS
STATUS:	Currently Available (9/06)
DESCRIPTION:	This course is the Court Consent Decree mandated training for Construction Section Resident Engineers and their management staff
OBJECTIVES:	<p>The Participant will gain knowledge of the following mandated topics:</p> <ul style="list-style-type: none"> • History of the Clean Water Act and past violations • Role of ITD, DEQ, EPA, and Contractor in storm water management for projects in Idaho • How construction sites can potentially negatively affect water quality • Basic principles of erosion, sediment control, and non-storm water/waste management control • ITD Storm Water related Standard Plans and Specifications and BMP Manual • Selection and implementation of erosion control, sediment control and non-storm water management/waste management control BMPs • How to review and approve a SWPPP based on ITD and EPA requirements and guidance manuals • BMP inspection and maintenance program
TARGET AUDIENCE:	Resident Engineers, Staff Engineers, Transportation Staff Engineer Assistants, Construction Managers
EVALUATIVE METHOD:	Closed book written evaluation with a minimum 70% passing score
PREREQUISITES:	Hold position/title that is stated in "Target Audience"
LENGTH:	16 hours
CLASS SIZE:	Maximum of 30
PRESENTED BY:	Consultant Group (Brown and Caldwell)

COURSE:	3.07 BEST MANAGEMENT PRACTICES NPDES/STORMWATER (IQP)
STATUS:	Currently Available
DESCRIPTION:	<p>This course will provide information and a catalog form useful in selecting, designing and implementing measures to control erosion, sedimentation and water pollution at construction sites as required for National Pollution Discharge Elimination Systems (NPDES) and Storm Water Pollution Prevention Plan (SWPPP) permitted projects. Its main focus is construction and maintenance work on highway facilities such as roads, bridges, maintenance yards and ports of entry.</p> <p>The course material will include the 212 Section of the Standard Specifications for Highway Construction, the 200 section of the Maintenance Manual, the Contract Administration Manual, The ITD Environmental Manual and the ITD Erosion and Sediment Control Manual.</p>
OBJECTIVES:	<p>Upon completion of this course the participant will be able to:</p> <ul style="list-style-type: none"> • Effectively use the Erosion and Sediment Control Manual and other ITD Manuals for information concerning erosion and sediment control. • Use ITD flow charts to determine if a NPDES and a SWAPP permit are necessary. • Select the proper Best Management Practices (BMP) technique to fit the project needs. • Identify BMPs used for soil stabilization. • Identify BMPs used for Structural/Mechanical Controls. • Identify BMPs used for Storm Water Management. • Identify BMPs used for Construction Site Management. • Develop and document an effective Storm Water Pollution Prevention Plan.
EVALUATIVE METHOD:	Written Exam; timed, open book, 80% required to pass
TARGET AUDIENCE:	This course is designed for those individuals who are designing , inspecting or maintaining a construction or maintenance project subject to NPDES and SWPPP storm water rules.
PREREQUISITES:	None
LENGTH:	24 Hours
CLASS SIZE:	24-40 Students
PRESENTED BY:	ITD (HQTS Environmental section or their designee) Cost: for non-ITD see: 114 section of C.A. manual